

NOVEMBER/DECEMBER 2023

**BIM52/CIM52 — DATABASE
MANAGEMENT SYSTEM**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is meant by Query Processor?
2. Define Database.
3. Write down the purpose of DML Pre-compiler.
4. Define Entity Set.
5. Provide the syntax of creating a table.
6. What is 'Commit' in SQL?
7. Write the purpose of Join Operation.
8. Write about Union Operation.
9. Provide the syntax of Creating a Function.
10. How to edit a Function?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Summarize on Database Management System.

Or

- (b) Write about Mapping Cardinalities.

12. (a) Explain about Formal Query Language.

Or

- (b) Survey on the Structure of Relational Model.

13. (a) How to Alter the Table? Explain.

Or

- (b) Write about Update and Delete Command.

14. (a) Brief about Self and Outer Joins.

Or

- (b) Distinguish Unique and Not Null Constraints.

15. (a) Explain about Drop Function.

Or

- (b) Write about Cursor Management in PL/SQL.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Demonstrate about ER Diagrams.

17. Describe about Tuple Relational Calculus.

18. Elaborate on various Data Types in Oracle.

19. Illustrate about Set Operators.

20. Discuss about Exception Handling in PL/SQL.

